

In the Claims

Please amend the claims as follows:

1. (Amended) A remote intelligent communication device comprising:

a card-thin housing including:

an upper surface having plural dimensions;

a lower surface having plural dimensions; and

at least one side having a dimension extending between the upper surface and the lower surface forming the card-thin housing, the side having visibly perceptible information thereon and the dimension of the side being less than smallest dimensions of the upper and lower surfaces; and

communication circuitry within the housing configured to at least one of communicate and receive electronic signals.

1 6. (Amended) A radio frequency identification device
2 comprising:

3 a housing including:

4 an upper surface having plural dimensions;

5 a lower surface having plural dimensions; and

6 at least one side having a dimension intermediate the upper
7 surface and the lower surface less than smallest dimensions of the upper
8 and lower surfaces, the side having visibly perceptible information
9 thereon; and

10 communication circuitry within the housing and the communication
11 circuitry being configured to at least one of communicate and receive
12 electronic signals.

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14 13. (Amended) A card comprising:

15 an upper surface having plural dimensions;

16 a lower surface having plural dimensions;

17 at least one side having a dimension intermediate the upper and
18 lower surfaces [and having a thickness less than about 100 mils] less
19 than smallest dimensions of the upper and lower surfaces; and

20 identification indicia on the side.

1 19. (Amended) A communication device comprising:
2 a substrate having a support surface;
3 an antenna on the support surface;
4 transponder circuitry coupled with the antenna;
5 a battery in electrical connection with the transponder circuitry;
6 a cured resin upon the support surface, the antenna, the
7 transponder circuitry and the battery, (the cured resin and substrate
8 forming a housing having an upper surface and a lower surface
9 interconnected by side surfaces, the side surfaces individually having a
10 dimension less than smallest dimensions of the upper and lower surfaces;
11 and
12 identification indica on at least one of the side surfaces of the
13 housing.

14
15 27. (Amended) A method of forming a card comprising:
16 providing a card including an upper surface, a lower surface and
17 a plurality of sides, the sides individually having a dimension less than
18 smallest dimensions of the upper and lower surfaces;
19 providing a print head;
20 moving at least one of the card and the print head relative to the
21 other of the card and print head; and
22 using the print head, encoding visibly perceptible information on
23 at least one side of the card.
24

1 34. (Amended) A method of forming a remote intelligent
2 communication device comprising:

3 providing a substrate;

4 forming communication circuitry upon the substrate and configured
5 to at least one of communicate and receive electronic signals;

6 encapsulating the communication circuitry thereby forming a card-
7 thin housing with the substrate, the housing including an upper surface,
8 a lower surface, and at least one side extending between the upper and
9 lower surfaces, the side having a dimension less than smallest dimensions
10 of the upper and lower surfaces; and

11 encoding visibly perceptible information on the side of the card-
12 thin housing.

1 42. (Amended) A method of encoding visibly perceptible
2 information on a communication device comprising:

3 providing a card housing communication circuitry therein, the card
4 having upper and lower surfaces interconnected by side surfaces, the side
5 surfaces individually having a dimension less than smallest dimensions of
6 the upper and lower surfaces;

7 providing a print head;

8 supporting the card on one of the side surfaces;

9 moving the print head adjacent another side surface of the card;

10 and

11 encoding identification indicia on the another side surface of the
12 card with the moving print head.

13
14 46. (Amended) A method of encoding visibly perceptible
15 information on a communication device comprising:

16 providing a card housing communication circuitry therein, the card
17 having upper and lower surfaces interconnected by side surfaces, the side
18 surfaces individually having a dimension less than smallest dimensions of
19 the upper and lower surfaces;

20 providing a print head;

21 moving the card relative to the print head; and

22 encoding identification indicia on at least one of the side surfaces
23 with the print head while moving the card relative to the print head.
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